

Notice of Allowability

Application No.

10/602,126

Examiner

Jay A. Morrison

Applicant(s)

DON ET AL.

Art Unit

2168

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 12/20/07.
2. ☒ The allowed claim(s) is/are 1-5,7-18,21-28 and 30-38.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

TIM VO
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

DETAILED ACTION

Reasons for Allowance

The following is an examiner's statement of reasons for allowance:

Claims 1-5,7-18,21-28 and 30-38 are allowable over the prior art of record. The closest prior art of record is Gombocz et al. ('Gombocz' hereinafter) (Publication Number 2002/0156792), which teaches interfaces to synchronize object data types with other data contained in off-line and/or legacy databases or external applications (paragraph [0205], lines 4-12), however it fails to teach a back end server acting as a single and centralized repository and source for each data type used or obtained by any of a plurality of middle-tier servers, these limitations being indicated in claim 1 as "the database of the back end server acts as a repository for each data type used by any of the plurality of middle tier servers, and the back end server acts as a single and centralized source from which each of the plurality of middle tier servers obtains all data types used by any other of the plurality of middle tier servers", in claim 10 as "the database of the backend server acts as a repository for each data type used by any of the plurality of middle tier servers, and the back end server acting as a single and centralized source from which all middle tier servers obtain all data types used by any other of the plurality of middle tier servers", in claim 17 as "the back end server acting as a repository for storing each data type used by any of the plurality of middle tier servers, the back end server acting as a single and centralized source from which all middle tier servers obtain all data types used by any other of the plurality of middle tier

servers", in claim 21 as "wherein the database of the back end server acts as a repository for storing each data type used by any of the plurality of middle tier servers, and the back end server acting as a single and centralized source from which all middle tier servers obtain all data types used by any other of the plurality of middle tier servers", in claim 25 as "wherein the database of the back end server acts as a repository storing each data type used by any of the plurality of middle tier servers, and the back end server acting as a single and centralized source from which each of the plurality of middle tier servers obtains all data types used by any other of the plurality of middle tier servers", and in claim 37 as "the back end SQL server acts as a repository for each data type used by any of the plurality of middle tier servers as a single and centralized source from which each of the plurality of middle tier servers obtains all extendable assemblies corresponding to all data types used by any other of the plurality of middle tier servers".

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jay A. Morrison whose telephone number is (571) 272-7112. The examiner can normally be reached on M-F 8-4:30.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tim Vo can be reached on (571) 272-3642. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



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